

MOHAN DATTU CHIMMIRI

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About Me

B.Tech student specializing in blockchain technology. Proficient in Java and full-stack web development, with hands-on experience in building scalable and responsive web applications. Knowledgeable in the fundamentals of blockchain and smart contract concepts. Skilled in both frontend and backend development, database integration, and creating user-centric interfaces. A collaborative team player with a strong adaptability to new technologies and frameworks.

Technical Skills

- **Web Development:** java, CSS, JavaScript, HTML, PHP, Git, GitHub.
- **block chain:** Smart contract development, Solidity programming, Blockchain architecture, Wallet and transaction handling, truffle.
- **Databases:** MongoDB, MySQL.

Education

Kalasalingam Academy of Research and Education, B.Tech in Information technology. 2022 – 2026

- Grade: 7.65

Sri Chaitanya College, Intermediate 2020 – 2022

- Grade: 8.65

Projects

The AI Waste Oracle: Intelligent Waste Management System GitHub – AI-Waste-Oracle

- Developed a full-stack web application for waste classification using a PyTorch model and integrated the Google Gemini API to provide hazard warnings and disposal recommendations.
- Tools: Vite/React, Flask, Python, PyTorch.

smart farming system: Empowering fields with intelligent technology. GitHub – smart-farming

- Developed a web application that predicts soil pH levels from images using a trained XGBoost model and offers smart farming advice via an integrated Gemini chatbot.
- Tools: Streamlit, Python, XGBoost, Gemini API, Lottie animations.

Kisan Ghar: Supporting Local Farmers, Delivering Natural Goodness GitHub – kisan-ghar

- Developed a web platform that connects local farmers with health-conscious consumers, featuring an e-commerce marketplace and an AI-powered Nutrition Coach using the Gemini API.
- Tools: HTML, CSS, JavaScript, PHP, XAMPP, SQL.

Certifications

- Java Programming – Infosys Springboard
- High Impact Presentations – Infosys
- Oracle Cloud Infrastructure Architecture – Oracle
- Database Management Systems – Infosys